

MOTOR-DRIVEN ACTUATOR

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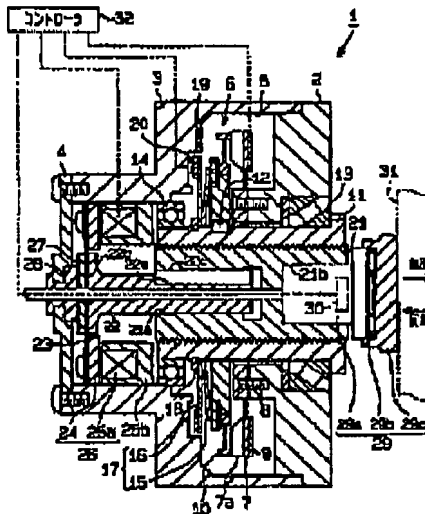
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Abstract of JP2001086701

PROBLEM TO BE SOLVED: To enable a motor-driven actuator, which moves a screw combined with a nut in the axial direction by rotating the nut based on the actuation of a motor to move the screw in the axial direction by switching the driving of the motor, even if the motor becomes unoperable and cannot be rotated from the nut side. **SOLUTION:** A motor-driven actuator is provided with a nut 11, which is rotated by operating an ultrasonic motor 6, a screw 21 which is combined with the nut 11 and converts the revolving motion of the nut 11 into linear motion in the axial direction, and a regulating member 22 which is connected to the screw 21 and allows or regulates the rotation of the screw 21. Allowance and regulation of the rotation of the screw 21 is made by means of the regulating member 22 and are switched from one to the other by means of an electromagnetic clutch 28.



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